



GHS Safety Data Sheet

SDS

LSC Environmental Products, LLC
Issue Date: July 7, 2016

EarthGuard®

Page 1 of 4

1 Identification

Supplier LSC Environmental Products, LLC
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Product Name **EarthGuard®**
Description: Anionic water-soluble polymer in emulsion.
CAS Number: N/A
Recommended Use: Processing aid for industrial applications.

2 Hazards Identification

Chemical Classification: Not applicable
Potential Health Effects: Eye: May cause eye irritation with susceptible persons.
Skin: Slightly irritating.

Potential Physical/Chemical Effects: Spills produce extremely slippery surfaces.

3 Composition / Information on Ingredients

Chemical Name: Anionic water-soluble polymer in emulsion.
Regulated Components: None

4 First-Aid Measures

Eye: Rinse thoroughly with plenty of water, also under eyelids. Seek medical attention if irritation develops and persists.
Skin: Wash off immediately with soap and plenty of water. Seek medical attention if irritation develops and persists.
Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention immediately.
Inhalation: Move to fresh air immediately. No hazards which require special first-aid measures.

5 Fire Fighting Measures

Suitable Extinguishing Media: Water, water spray, foam, carbon dioxide (CO₂), dry powder
Hazardous Decomposition Products: Carbon oxides (CO_x). Nitrogen oxides (NO_x). Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.



GHS Safety Data Sheet

SDS

LSC Environmental Products, LLC
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EarthGuard®

Page 2 of 4

Precautions: Spills produce extremely slippery surfaces
Special Protective Equipment: No special protective equipment required.
Flash Point (°C): Does not flash.

Auto Ignition Temperature (°C): Does not ignite

6 Accidental Release Measures

Personal Precaution: No special precautions required. Wear adequate personal protective equipment (see Section 8: Exposure Controls/ Personal Protection). Keep people away from spill/leak.

Cleanup: Do not flush with water. Dam up. Soak up water with inert absorbent material. If liquid has been spilled in large quantities, clean up promptly by scoop or vacuum. Keep suitable and closed containers for disposal. After cleaning, flush away traces with water.

Environmental Precautions: As with all chemical products, do not flush into surface water.

7 Handling and Storage

Handling: Safe Handling advice: Avoid contact with skin and eyes. When preparing the working solutions ensure there is adequate ventilation. When using do not smoke.

Storage: Keep in a cool, dry place (0 – 30 °C). Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

8 Exposure Controls / Personal Protection

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink or smoke. Wash hands before breaks and at the end of the work day.

Engineering Controls: Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

Personal Protective Equipment:

- Eye Protection: Safety glasses with side-shields. Do not wear contact lenses where this product is used.
- Skin and Body Protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.
- Respiratory Protection: Not required; except in case of aerosol formation.
- Hand Protection: PVC or other plastic material gloves.



GHS Safety Data Sheet

SDS

LSC Environmental Products, LLC
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EarthGuard®

Page 3 of 4

9 Physical and Chemical Properties

Appearance: Viscous liquid.

Odor: Aliphatic
Color: Milky
pH: 6-8 @ 5 g/1
Specific Gravity: 1.05
Bulk Viscosity: 1200
Melting Point/Range: Not applicable
Auto Ignition Temperature (°C): Not applicable
Vapor Pressure (mm Hg): 0,002 @ 20° C
Flash Point: Not applicable
Kinematic Viscosity @ 40° C (mm²/s): >>20.5

10 Stability and Reactivity

Stability: Hazardous polymerization does not occur. Stable.
Hazardous Decomposition Products: Thermal decomposition may produce: Nitrogen oxides (NO_x), Carbon oxides (CO_x).
Materials To Avoid: Oxidizing agents may cause exothermic reactions.

11 Toxicological Information

Acute Toxicity: Oral: LD50/oral/rat >5000 mg/kg
Dermal: LD 50/dermal/rat>5000 mg/kg
Inhalation: The product is not expected to be toxic by inhalation.
Irritation: Skin: Slightly irritating
Eyes: May cause eye irritation with susceptible persons.
Sensitization: Not sensitizing.
Chronic Toxicity: No chronic effects.

12 Ecological Information

Aquatic Toxicity:
Toxicity to fish: LC50/Danio rerio (Zebra fish)/96 hours >100 mg/L (OECD 203). /96 hours >100 mg/L, (OECD 203)
Toxicity to daphnia: EC50/Daphnia magna (water flea)/48 hours >100 mg/L (OECD 202).
Toxicity to Algae: EC50/Scenedesmus subspicatus (green algae)/72 hours >100 mg/L (OECD201).
Persistence and degradability: Not readily biodegradable.
Hydrolysis: Does not hydrolyze.



GHS Safety Data Sheet

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Page 4 of 4

13 Disposal Considerations

Disposal: Dispose of in accordance with local, state and federal regulations.

Container: Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local, state and federal regulations.

14 Transportation Information

US DOT: Not classified as dangerous in the meaning of DOT regulations.
IMDG/IMO: Not classified as dangerous in the meaning of IMO/IMDG regulations.
ICAO/IATA: Not classified as dangerous in the meaning of ICAO/IATA regulations.

15 Regulatory Information

US SARA Reporting Requirements: SARA (Section 311/312) hazard class: Not concerned.
International Inventories USA (TSCA): All components of this product are either listed on the inventory or are exempt from listing.

Canada (DSL): All components of this product are either listed on the inventory or are exempt from listing.

California Proposition 65 Information: **WARNING!** This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm. Acrylamide.

16 Other Information

SDS Status: SDS created on 11/14/13



NFPA and HMIS Ratings:

NFPA:
HMIS:

Health: 0, Flammability: 1, Instability: 0
Health: 0, Flammability: 1, Physical Hazard: 0

All information presented herein is believed to be accurate; however, it is the user's responsibility to determine in advance of need that the information is current and suitable for their circumstances.

No warranty or guarantee, expressed or implied, is made by LSC Environmental Products, LLC as to this information or as to the safety, toxicity, or effect of the use of this product.